



S-14 Wireless Weather Monitor Quick Start Guide

Thank you for your purchase of the OmniSense S-14 Wireless Weather Monitor. Follow the steps below to install your sensor and view data readings.

1 Create a OmniSense Monitoring account if you do not already have one

- You will need a monitoring account and a "online" gateway to see live data on your job site
- see "Monitoring Quick Start Guide" available at <http://shop.omnisense.com> for instructions on creating your account

2 Install the Davis Instruments Weather Sensors

- The S-14 is designed for use with **Davis Instruments 7911 Anemometer, 7852 Tipping Bucket Rain Gauge, and 6450 Solar Radiation Sensor**.
- Typically the weather sensors will be roof or pole mounted. Many mounting accessories are available at the Davis Instruments web site <http://www.davisnet.com>
- Follow the instructions that come with each weather sensor. Additional information is available at the Davis Instruments web site <http://www.davisnet.com>

3 Install the S-14 Wireless Weather Monitor

- sensor should be within wireless range of a gateway which is typically 100 meters/333 feet
- sensors come shipped with battery (ER14505 3.6V lithium) in and are always powered on. Typical battery life should be 2-3 years.
- Typically the S-14 will be mounted outdoors inside a weatherproof enclosure
 - It is **NOT weatherproof so it MUST be inside a suitable outdoor enclosure**
 - Choose a easily accessible location such as the side of a house which is within cable length of the weather sensors.
- Route the three RJ-11 cables through a hole in the bottom of the enclosure. Note cables may be extended using any off-the-shelf RJ-11 cabling accessories. Ensure all connections are properly weatherproofed or made inside weatherproof enclosures.
- Connect the Wind (7911 Anemometer), Rain (7852 Tipping Bucket Rain Gauge) and Sun (6450 Solar Radiation Sensor) cables to the corresponding RJ-11 sockets. Note the RJ-11 sockets on the S-14 are conveniently labeled "Wind", "Rain" and "Sun".

4 Viewing your sensor data

- see "Monitoring Quick Start Guide" for instructions on viewing data through your OmniSense monitoring account